



# Consulting Engineers Association of India NEWSLETTER

MARCH 2019

[www.ceai.org.in](http://www.ceai.org.in)

FROM THE

## PRESIDENT'S DESK



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Dear Members,

You will be happy to know that activities for staging the FIDIC-ASPAC Conference in New Delhi in July 2019 are gaining momentum.

Renowned International Speakers from countries in ASPAC Regions, as also the developed world, have confirmed their participation.

Registration of delegates from India and abroad are well on the way. Responding to requests of intending participants, the organising Committee has extended, for the final time, the date for Early Bird incentive to April 30<sup>th</sup>, 2019.

It will be an event of International Quality, staged for the first time in India and I would request all our members to avail this opportunity, at a highly subsidised cost.

This issue contains a report on the present status of the progress of Engineers Bill, an happening eagerly awaited by the entire profession.

The Eastern and North Eastern Region had its AGM during March 2019 and a report on the same is included, together with other activities happening in away zones.

Wishing you in advance, Greetings for Baisakhi, Bihu, Poila Baisakh, Vishu, and the celebrations accompanying same.

Thanks and Regards,

Amitabha Ghoshal

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## FIDIC ASPAC CONFERENCE IN 2019

CEAI is hosting FIDIC – ASPAC 2019 Conference in New Delhi from 7<sup>th</sup> to 9<sup>th</sup> July 2019 on the theme "*Quality Infrastructure for Clean and Sustainable Development*".

### Tentative program

#### Monday, 8<sup>th</sup> July 2019

Inaugural Session

Plenary Session :Infrastructure Industry Revolution

Focus Session 1 :Urban Mobility

Focus Session 2 :Coastal & Marine Development

#### Tuesday, 9<sup>th</sup> July 2019

Focus Session 3 :Energy and Quality of Life

Focus Session 4 :Young Professionals Open Forum

Focus Session 5 :Business Opportunities with  
Regional Cooperation

Focus Session 6 :Technological Developments

**The date for availing the Early Bird Discount on Registration fee has been extended till 30th April 2019.** In addition, a 10% discount would be given if there are 5 or more participants from same organization. Please visit Conference website at <http://www.aspacdelhi2019.com> and register at the earliest

### Registration Fee : Indian/Domestic

<b>CEAI Members</b>	<b>₹12000</b>
Non-Member	₹15000
Accompanying Person	₹ 5000
Young Professional	₹ 6000

**Plus GST @ 18%**

For more details about the conference, please visit Conference website <http://www.aspacdelhi2019.com>

## ADVANCED WORKSHOP ON STEEL DESIGN

CEAI in association with Institute for Steel Development & Growth (INSDAG), IIT Bombay, Centre of Excellence in Steel Technology (CoEST) at IIT Bombay and IIT Madras brings the *Advanced*

*Workshop on Steel Design* which will be held on 14<sup>th</sup> & 15<sup>th</sup> June 2019 in Mumbai.

For the benefit of those who missed the earlier two, there will be a quick recap of some basic principles to refresh and bring everyone on par.

One of the main topics, in view of the numerous **FIRE** incidences that have occurred in urban and industrial areas, would be the design of steel structures treating fire as a design load on the structure.

The second main topic would be relating to **SEISMIC forces**, since analysis and design to deal with those forces have become more intensive. Hence those aspects along with the joint designs will be other thrust areas.

A third topic of great interest would be **WELDING**, which drew tremendous attention last time, and is a major connection procedure.

Presentations will be made by faculty from IITs, INSDAG and Consulting Organisations.

## BRIEF REPORT ON ONE-DAY CONSULTATIVE WORKSHOP OF STAKEHOLDERS ON "PROFESSIONAL ENGINEERS BILL"

A meeting was called by AICTE on February 11<sup>th</sup>, 2019 at their headquarters in Delhi to hold a One-Day Consultative Workshop of Stakeholders on "*Professional Engineers Bill*". The persons on the dais included Prof. Surendra Prasad - Ex-Director IIT Delhi, Prof. Sandeep Sancheti – VC SRM University Chennai, Dr. M P Poonia – VCM AICTE, Prof. Rajive Kumar – Advisor AICTE. The meeting was attended by a large number of persons from professional associations and other stakeholders.

The effort of the engineering fraternity to regulate the profession through the Engineers Bill has had a long journey, and over the past decade and more it has been piloted by the Engineering Council of India (ECI), which was specifically created for the purpose. The last version of the draft Bill titled "The Indian Council of Engineers Act – 2011" when presented to the nodal ministry, the MHRD, the

MHRD advised that the engineering profession could be regulated through a private initiative and did not require the enactment of a Bill at this stage. On this basis ECI started registering engineers through its member associations.

However, it was mentioned at the workshop, that the MHRD had been receiving letters from Mr. E. Sreedharan stating that there is an urgent need to regulate the profession with an Engineers Bill through the Act of Parliament. This was stated as the reason for the revival of the effort to enact the Bill and AICTE has been appointed by the MHRD to drive the initiative.

A draft document prepared by AICTE titled "Professional Engineer Bill 2019" was circulated for discussions. There were many views voiced by the members of the audience and a response was also presented by ECI that comprehensively summarises the issues, an excerpt of which is given below:

1. As the Bill is to set up a 'Council of Engineers', the composition of the Council should be given in the main Bill, and not in Annexure. Secondly, all members of Council should have same status. It is only procedural matter that some are nominated by government bodies and some are nominated by professional societies. There is no need to introduce another term 'Professional Associates'.
2. The Council should be supreme and autonomous. It should appoint or elect the Board of Governors (BOG) which should be answerable to the Council. Here the BOG has been given over-riding powers, powers to oversee the functioning of the Council and take all actions in the name of the Council.
3. The BOG is heavily weighted in favour of government and IIT/ NIT nominees. There are only 2 representatives of professional societies. There should be equal number of the representatives from these bodies. The deliberations of the BOG will be technical and professional in nature. These would require a professional head.
4. There is no clarity on division of functions between BOG and EC (Clause 7.3).
5. There are too many procedural details included in several clauses. An Act normally leaves these details to the Rules and Regulations as these may need to be amended from time to time. What will be covered by Rules (to be formulated by Government) and by Regulations (to be formulated by the Council) should be stated in the Bill.
6. The main purpose of the Act is stated 'that engineering activities are performed by qualified persons and in a manner, which facilitates sustainable development and ensures safety and welfare of the people.' Thus it should ensure that the key engineering practice is undertaken only by registered PEs and other than PEs should be debarred. Such 'Practice' which only PEs can undertake, has to be defined separately. Clause 5 gives a very general definition. The engineering practice can be divided into two parts:
  - (i) Which only PEs are authorized to do - such as certification of any design, process, system, works, project, supervision of project management, etc. They will thus take the responsibility for design, works, etc.
  - (ii) Which engineers other than PEs can do, such as assisting PEs, undertaking preliminary design/ project activities, not involving certification.
7. While debarring those not registered as PEs, the Act should specify the penalties if non-registered engineers undertake the 'practice' exclusively reserved for PEs. This could include monetary fines and imprisonment.
8. There should be the mention of how and by whom disciplinary action will be taken in case

registered PEs do not follow code of ethics or indulge in unscrupulous activities.

9. The Council should be authorized to specify the engineering disciplines in which candidates can be registered as PEs.
10. As per Clause 8.1.5, only members of licensed bodies can be registered by them as PEs. This is discriminatory clause and should be removed. Any one applying for registration and meeting the criteria should be considered as per procedure.
11. In Clause 9 – The council has also been empowered to recognize support by an individual to the council, and call that individual an “Associate of the Council”. The need for this clause is not understood.

#### References:

1. Draft Professional Engineer Bill – 2019, prepared by AICTE
2. Draft The Indian Council of Engineers Act – 2011, prepared by Engineering Council of India

#### B2B MEETING

The FIDIC ASPAC Conference is being held in partnership with the Services Export Promotion Council of the Ministry of Commerce, Govt of India and is supported by the Department of Scientific & Industrial Research (DSIR), Ministry of Science and Technology and the Ministry of Shipping, Government of India. We expect further support from Infrastructure Ministries and Multilateral Development Banks.

As part of the FIDIC-ASPAC conference, there will be a B2B meeting on 8<sup>th</sup> July 2019 (full day). The B2B meetings will be organised in association with Services Export Promotion Council (SEPC). SEPC is part of the Ministry of Commerce and its objective is to help export of services from India. SEPC will be formally conveying to us the modalities of the

B2B meeting, but in general, following are the main points:

- The B2B meeting will be organised in parallel to the Technical Session on Day 1 of the Conference in an independent hall at Le Meridien.
- The purpose of the B2B is to enable and encourage export of services to **Overseas Customers** (or **BUYERS**). The Customers or **BUYERS** could be from Overseas Government Agencies, Public or Private Sector Undertakings, NGOs or Individual Entrepreneurs.
- The **BUYERS** could be from those **developing** countries in Asia, Africa or Europe with large potential for Indian companies. Some could also be from select **developed** countries.
- The **SELLERS** would be companies (both CEAI member and non member) who wish to offer their services to the buyers.

This is an excellent opportunity for companies, both big and small, to explore the Overseas Market.

- The SEPC and CEAI invites **SELLERS** or Indian Companies who are exporting or wish to export services to participate in the B2B meetings on payment of a registration fee to SEPC (that will be conveyed).
- Indian Companies will have to register with SEPC on their website and also provide IC No. Companies who do not have an IC No., can obtain the same easily.
- The **SELLERS** are encouraged to give the names and contact details of **BUYERS** they wish to do business with. The SEPC will partially sponsor those **BUYERS** who they select.
- SEPC reserves the right to select the **BUYERS** based on Govt Policy. To indicate seriousness in their intent, SEPC encourages **BUYERS** to send their Top Officers.



For Partial sponsorship of BUYERS, SEPC will

- Arrange economy class air tickets for the Foreign BUYERS up to Rs. 50,000 per person.
- Provide free of cost accommodation in the Le Meridien/ other Hotel subject to availability for 2-3 days

We request all who are interested to participate in this B2B meeting to prepare lists of possible BUYERS. BUYERS could be Clients, Contractors, Consultants, etc. who wish to collaborate with Indian companies.

### NEW MEMBERS OF CEAI

The following members have joined CEAI in March 2019:

#### Member (Individual)

Ms Anamika Kadam  
Sr Manager (Civil), Larsen & Toubro Ltd – ECC Division,  
12/4 Mathrua Road, Sector 270, Faridabad 121003. Email:  
[anamikak@lntec.com](mailto:anamikak@lntec.com)

#### Young Professional Member

Mr Manoj Kumar  
Sr Engineer (Water) – JACOBS,  
B-6/142-143, Ground Floor, Sector 5,  
Rohini, Delhi 110085  
Email: [manishkumar.iitd@gmail.com](mailto:manishkumar.iitd@gmail.com)

#### Affiliate Member (Individual)

Mr D V Raghuram  
Town Planning Supervisor  
(Guntur Municipal Corporation)  
Email: [dvraghuram@gmail.com](mailto:dvraghuram@gmail.com)

CEAI extend a warm welcome to the new members and look forward to their active participation in the activities of CEAI.

### ASPAC AWARDS 2019 – CALL FOR NOMINATIONS

ASPAC Secretariat has invited nominations for ASPAC Awards 2019. Award documents were circulated to all members. The nominations should reach ASPAC Secretariat before 3<sup>rd</sup> May 2019. The results will be announced and presented during ASPAC Conference scheduled to be held in Delhi in July 2019.

For more details please contact CEAI Secretariat.

### VIEW POINT

The March 2019 issue of View Point is under print. The next issue of the View Point will be published in **June 2019**, the theme for which will be **“FUTURE OF ENGINEERING”**.

Considering the experience of CEAI members and various stakeholders in the subject, CEAI would be happy to receive articles on the above theme.

Authors could share their knowledge enriched by the works executed, firsthand accounts of the challenges faced, practical issues experienced and the solutions to those, etc. Photographs, charts, diagrams, drawings, etc. would benefit our readers for better appreciation of the issues encountered and addressed.

The articles for June issue need to reach CEAI by 10<sup>th</sup> May 2019. Articles need to be in Times New Roman 12 with single line spacing with before and after 6 pt and normal margin on A4 size.

#### Advertisement in View Point

VIEW POINT is circulated to all CEAI Members, FIDIC, Ministries of the Government of India, Public & Private Sector Undertakings, Construction Firms, Contractors, Consultants, Foreign Missions and Funding Institutions in India and other organisations related to or dealing with the engineering profession.

Advertising in the VIEW POINT gives the advertiser wide exposure and visibility.

The rates for advertisements in VIEWPOINT are given below. This is excluding GST @18% or as prescribed, which will be extra:

Item	Rate Per issue* (Rs)	Discounted rate at 20% for 4 consecutive issues (from June 2019 to March 2020)* (Rs)
Back Cover **	25,000/-	80,000/-
Inside Front Cover ***	15,000/-	48,000/-
Inside Back Cover***	15,000/-	48,000/-
Full Page	10,000/-	32,000/-

\*GST @ 18% or as prescribed will be added to the above rates.

\*\*Back Cover booked till December 2019.

\*\*\* Inside Front & Inside Back covers are booked till June 2019.

## CEAI - EASTERN AND NORTH EASTERN REGION

CEAI Eastern and North Eastern Region held its AGM on 28<sup>th</sup> March 2019 at Kolkata. The change of guard, which was overdue for a long time, took place with a brand new Committee taking over responsibilities for the zone that had been staging lot of events for the last few years. The Past Chairman Mr Amitabha Ghoshal and Co-chairman Dr. Abhijit Dasgupta presented report on the important activities held over the last couple of years namely:

- Kolkata East-West Metro-Unique Construction Challenges, held on 14-10-2017. at Kolkata
- NBC 2016 & Recently Revised Seismic Codes, jointly with IAStructure and BIS, on 8 & 9 December 2017 at Kolkata
- National Seminar on Sustainable Infrastructure Development – The Kolkata Story, jointly with IPHE, on 16 & 17 Nov 2018 at Kolkata
- NBC 2016 & Recently Revised Seismic Codes, jointly with BIS and IIT-Guwahati on 11&12 Jan 2019 at Guwahati.

All these events had been well attended and appreciated. The Chairman informed that all these events have added some surplus for the Association and helped to sustain this unit.

The New Committee of the following took over the charge are hereunder:

Mr. Amitabha Datta, Chairman - an Individual Member, STUP Consultants Pvt ltd



*Amitabha Datta*

- Mr Shyama Prasad Datta – Co-Chairman – Independent Professional
- Mr Mainak Ghoshal, Academic
- Mr Parthajit Patra – Jt. Secretary, Independent Professional and Consultant
- Mr Sanjib Mukhopadhyay, Treasurer, M N Dastur & Co Ltd
- Mr Ayanangshu Dey – Member
- Mr Dilip Kumar Dhar - Member

The New Committee formulated its minimum activities plan - atleast one seminar and one FIDIC training session in each year, apart from minimum of 6 lecture meetings during this two year term. It has also planned to open an E-library for the benefit of its members.

### Lecture Meeting

A Technical Talk ‘Holistic and Sustainable Planning of Urban water utilities’ was held jointly with ICE-UK Kolkata Unit at The Lake Club on 30<sup>th</sup> March 2019 delivered by Dr. Klaus Kirchenbaur, Director, Apezcon SRL, Dominican Republic. It was well attended and number of CEAI members participated.



*Dr. Klaus Kirchenbaur*